

Serial Number: 09/763,957

ENTERED☐

Changed a file from non-ASCII to ASCII

☐

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐

Edited a format error in the Current Application Data section, specifically:

☐Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other☐

Added the mandatory heading and subheadings for "Current Application Data".

☐

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐

Inserted colons after headings/subheadings. Headings edited included:

☐

Deleted extra, invalid, headings used by an applicant, specifically:

☒Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as☐

Inserted mandatory headings, specifically:

☐

Corrected an obvious error in the response, specifically:

☐

Edited identifiers where upper case is used but lower case is required, or vice versa.

☐

Corrected an error in the Number of Sequences field, specifically:

☐

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:☐

Other:

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING

DATE: 08/29/2001

PATENT APPLICATION: US/09/763,957

TIME: 13:06:54

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08292001\I763957.raw

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3 <110> APPLICANT: THE UNIVERSITY OF QUEENSLAND
5 <120> TITLE OF INVENTION: A NOVEL PLANT PROMOTER AND USES THEREFOR
7 <130> FILE REFERENCE: 2209376/EJH
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/763,957
C--> 10 <141> CURRENT FILING DATE: 2001-02-28
12 <150> PRIOR APPLICATION NUMBER: PP5572
13 <151> PRIOR FILING DATE: 1998-08-31
15 <160> NUMBER OF SEQ ID NOS: 9
17 <170> SOFTWARE: PatentIn Ver. 2.0
19 <210> SEQ ID NO: 1
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32                               Met Gly Phe Lys Ala Met Asp Gln Thr
33                               1           5
35 ccc ttg ttg tcc aag atg gct att ggg gat gga cat ggc gaa tca tcc 162
36 Pro Leu Leu Ser Lys Met Ala Ile Gly Asp Gly His Gly Glu Ser Ser
37 10                               15           20           25
39 cca tac ttt gat gga tgg aag gct tat gat caa aac ccc ttt cat ccc 210
40 Pro Tyr Phe Asp Gly Trp Lys Ala Tyr Asp Gln Asn Pro Phe His Pro
41                               30           35           40
43 aca gat aat cct aac ggt gtt atg caa atg ggt ctt gct gag aat cag 258
44 Thr Asp Asn Pro Asn Gly Val Met Gln Met Gly Leu Ala Glu Asn Gln
45                               45           50           55
47 ctt acc tct gat ttg gtt gaa gat tgg ata ctg aac aac cct gaa gcc 306
48 Leu Thr Ser Asp Leu Val Glu Asp Trp Ile Leu Asn Asn Pro Glu Ala
49                               60           65           70
51 tcc att tgc act cca gaa gga ata aat gat ttc agg gcc ata gct aac 354
52 Ser Ile Cys Thr Pro Glu Gly Ile Asn Asp Phe Arg Ala Ile Ala Asn
53                               75           80           85
55 ttt cag gat tat cat ggt ctg gcc gag ttc aga aat gct gtg gct aaa 402
56 Phe Gln Asp Tyr His Gly Leu Ala Glu Phe Arg Asn Ala Val Ala Lys
57 90                               95           100           105
59 ttt atg gct aga aca agg gga aac aga atc acg ttt gac cct gac cgt 450
60 Phe Met Ala Arg Thr Arg Gly Asn Arg Ile Thr Phe Asp Pro Asp Arg
61                               110           115           120
63 att gtc atg agc ggt gga gcc acc gga gca cac gaa gtc act gcc ttt 498
64 Ile Val Met Ser Gly Gly Ala Thr Gly Ala His Glu Val Thr Ala Phe
65                               125           130           135
67 tgt ttg gca gat ccc ggc gag gca ttc tta gtg ccc att ccc tat tat 546
68 Cys Leu Ala Asp Pro Gly Glu Ala Phe Leu Val Pro Ile Pro Tyr Tyr

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73          155          160          165
75 cca gtt atg tgc gat agc tca aat aat ttc gtg ttg aca aag gaa gca 642
76 Pro Val Met Cys Asp Ser Ser Asn Asn Phe Val Leu Thr Lys Glu Ala
77 170          175          180          185
79 ttg gaa gat gcc tat gag aaa gca aga gag gat aac atc aga gta aag 690
80 Leu Glu Asp Ala Tyr Glu Lys Ala Arg Glu Asp Asn Ile Arg Val Lys
81          190          195          200
83 ggt tta ctg atc acc aat cca tca aat cca tta ggc aca atc atg gac 738
84 Gly Leu Leu Ile Thr Asn Pro Ser Asn Pro Leu Gly Thr Ile Met Asp
85          205          210          215
87 aga aag aca ctg aga acc gtg gtg agc ttc atc aat gag aag cgt atc 786
88 Arg Lys Thr Leu Arg Thr Val Val Ser Phe Ile Asn Glu Lys Arg Ile
89          220          225          230
91 cac ctt gta tgt gat gaa ata tat gct gca aca gtt ttc agc caa ccc 834
92 His Leu Val Cys Asp Glu Ile Tyr Ala Ala Thr Val Phe Ser Gln Pro
93          235          240          245
95 ggt ttc ata agc ata gct gag ata tta gag gat gaa aca gac ata gag 882
96 Gly Phe Ile Ser Ile Ala Glu Ile Leu Glu Asp Glu Thr Asp Ile Glu
97 250          255          260          265
99 tgt gac cgc aac ctc gta cac att gtt tat agt ctt tca aag gac atg 930
100 Cys Asp Arg Asn Leu Val His Ile Val Tyr Ser Leu Ser Lys Asp Met
101          270          275          280
103 ggg ttc cct ggc ttc aga gtc ggc atc ata tac tct tac aat gat gct 978
104 Gly Phe Pro Gly Phe Arg Val Gly Ile Tyr Ser Tyr Asn Asp Ala
105          285          290          295
107 gtg gtt aat tgt gca cgc aaa atg tca agc ttt gga ttg gtg tca aca 1026
108 Val Val Asn Cys Ala Arg Lys Met Ser Ser Phe Gly Leu Val Ser Thr
109          300          305          310
111 cag act cag tat ctt tta gca tgc atg cta aat gat gat gag ttt gtg 1074
112 Gln Thr Gln Tyr Leu Leu Ala Ser Met Leu Asn Asp Asp Glu Phe Val
113          315          320          325
115 gag agg ttt ctg gca gag agt gca aag agg ttg gct caa agg ttc agg 1122
116 Glu Arg Phe Leu Ala Glu Ser Ala Lys Arg Leu Ala Gln Arg Phe Arg
117 330          335          340          345
119 gtt ttc act ggg ggg ttg gcc aaa gtt ggc ata aag tgc ttg caa agc 1170
120 Val Phe Thr Gly Gly Leu Ala Lys Val Gly Ile Lys Cys Leu Gln Ser
121          350          355          360
123 aat gct ggt cta ttt gtg tgg atg gat tta agg caa ctt ctc aaa aag 1218
124 Asn Ala Gly Leu Phe Val Trp Met Asp Leu Arg Gln Leu Leu Lys Lys
125          365          370          375
127 cca act ttc gac tct gaa acg gag ctt tgg aaa gtt atc att cat gaa 1266
128 Pro Thr Phe Asp Ser Glu Thr Glu Leu Trp Lys Val Ile Ile His Glu
129          380          385          390
131 gtt aag atc aat gtt tca cct ggc tat tcc ttc cat tgc act gag cca 1314
132 Val Lys Ile Asn Val Ser Pro Gly Tyr Ser Phe His Cys Thr Glu Pro
133          395          400          405

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137 410 415 420 425
139 att gct ttg caa cga atc cgc aac ttt gtg ctt caa aac aag gag gtc 1410
140 Ile Ala Leu Gln Arg Ile Arg Asn Phe Val Leu Gln Asn Lys Glu Val
141 430 435 440
143 gtg gtg tct aat aag aaa cat tgt tgg cac agt aac ttg agg ctg agc 1458
144 Val Val Ser Asn Lys Lys His Cys Trp His Ser Asn Leu Arg Leu Ser
145 445 450 455
147 ctc aaa acc aga agg ttt gat gat atc acc atg tca cct cac tct ccc 1506
148 Leu Lys Thr Arg Arg Phe Asp Asp Ile Thr Met Ser Pro His Ser Pro
149 460 465 470
151 cta cct cag tca cct atg gtt aaa gcc aca aat tgagtttgca tattcctctg 1559
152 Leu Pro Gln Ser Pro Met Val Lys Ala Thr Asn
153 475 480
155 aatcgtttag aagaagtaac tgatatgtga agattacttg gttcttttat ttgttatttt 1619
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161 cccttcaatc ttaggggcat tttttctttt ttcacttacc aaagggtcaa ggtgaaaaaa 1799
163 gtttatagag tctgtaatgt tattggttta tcagaagagt ccaaaagatg tctgtaatct 1859
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167 ttcc 1923
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177 1 5 10 15
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181 20 25 30
183 Ala Tyr Asp Gln Asn Pro Phe His Pro Thr Asp Asn Pro Asn Gly Val
185 35 40 45
187 Met Gln Met Gly Leu Ala Glu Asn Gln Leu Thr Ser Asp Leu Val Glu
189 50 55 60
191 Asp Trp Ile Leu Asn Asn Pro Glu Ala Ser Ile Cys Thr Pro Glu Gly
193 65 70 75 80
195 Ile Asn Asp Phe Arg Ala Ile Ala Asn Phe Gln Asp Tyr His Gly Leu
197 85 90 95
199 Ala Glu Phe Arg Asn Ala Val Ala Lys Phe Met Ala Arg Thr Arg Gly
201 100 105 110
203 Asn Arg Ile Thr Phe Asp Pro Asp Arg Ile Val Met Ser Gly Gly Ala
205 115 120 125
207 Thr Gly Ala His Glu Val Thr Ala Phe Cys Leu Ala Asp Pro Gly Glu
209 130 135 140
211 Ala Phe Leu Val Pro Ile Pro Tyr Tyr Pro Gly Phe Asp Arg Asp Leu
213 145 150 155 160
215 Arg Trp Arg Thr Gly Val Lys Leu Val Pro Val Met Cys Asp Ser Ser
217 165 170 175

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225      195      200      205
227 Ser Asn Pro Leu Gly Thr Ile Met Asp Arg Lys Thr Leu Arg Thr Val
229      210      215      220
231 Val Ser Phe Ile Asn Glu Lys Arg Ile His Leu Val Cys Asp Glu Ile
233 225      230      235      240
235 Tyr Ala Ala Thr Val Phe Ser Gln Pro Gly Phe Ile Ser Ile Ala Glu
237      245      250      255
239 Ile Leu Glu Asp Glu Thr Asp Ile Glu Cys Asp Arg Asn Leu Val His
241      260      265      270
243 Ile Val Tyr Ser Leu Ser Lys Asp Met Gly Phe Pro Gly Phe Arg Val
245      275      280      285
247 Gly Ile Ile Tyr Ser Tyr Asn Asp Ala Val Val Asn Cys Ala Arg Lys
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251 Met Ser Ser Phe Gly Leu Val Ser Thr Gln Thr Gln Tyr Leu Leu Ala
253 305      310      315      320
255 Ser Met Leu Asn Asp Asp Glu Phe Val Glu Arg Phe Leu Ala Glu Ser
257      325      330      335
259 Ala Lys Arg Leu Ala Gln Arg Phe Arg Val Phe Thr Gly Gly Leu Ala
261      340      345      350
263 Lys Val Gly Ile Lys Cys Leu Gln Ser Asn Ala Gly Leu Phe Val Trp
265      355      360      365
267 Met Asp Leu Arg Gln Leu Leu Lys Lys Pro Thr Phe Asp Ser Glu Thr
269      370      375      380
271 Glu Leu Trp Lys Val Ile His Glu Val Lys Ile Asn Val Ser Pro
273 385      390      395      400
275 Gly Tyr Ser Phe His Cys Thr Glu Pro Gly Trp Phe Arg Val Cys Tyr
277      405      410      415
279 Ala Asn Met Asp Asp Met Ala Val Gln Ile Ala Leu Gln Arg Ile Arg
281      420      425      430
283 Asn Phe Val Leu Gln Asn Lys Glu Val Val Val Ser Asn Lys Lys His
285      435      440      445
287 Cys Trp His Ser Asn Leu Arg Leu Ser Leu Lys Thr Arg Arg Phe Asp
289      450      455      460
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308 gttggaagtt tcacgaatca tgattttgat tttacgtatt aaaaaatgaa aagttgaatc 180
310 atgcatttta tctagaagct gggaactgaa ccaaaaaaat agccagttga acaactgcag 240
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322 atgttcatgc aactgttctt cgctaactaa ggccccactt acctttataa tattctctct 600
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VERIFICATION SUMMARY

DATE: 08/29/2001

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Input Set : A:\Pto.amc

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L:9 M:270 C: Current Application Number differs, Replaced Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date